

Registration

Please complete the registration form and send it or a photocopy to Online as soon as possible. All registrations will be acknowledged by return.

Detailed delegate information will be sent out two weeks before the conference.

The delegate fee is £265 plus VAT. This should be sent with the registration or at the very latest paid at the conference. Any fees still outstanding after the event will incur an additional administrative surcharge of £30.

The registration fee includes a copy of the conference proceedings which will be distributed to

delegates on arrival at the conference. It also includes lunches and light refreshments on all three days plus a cocktail reception on the first evening. The fee does not include the cost of hotel accommodation.

Participation fees for each half day tutorial are £35 plus VAT for conference delegates. The fees for non delegates are £65 plus VAT per tutorial.

The Conference will be held at the Regent Centre Hotel, Carburton Street, London W1P 8EE, phone 01-388 2300 telex 22453.

The conference programme described in this brochure was accurate at the date of going to print. The organisers reserve the right to make any changes that they deem to be in the best interests of the conference.

Computer Graphics '81

27-29 October 1981 Regent Centre Hotel London

Registration form

Please reserve a delegate place for:

For additional registrations please photocopy this form.

Name BLOCK CAPITALS	Mr Ms Dr	Position
Organisation		
Address		Post Code
Country	Phone	Telex
Booking made by (if different from above)	Mr/ Ms/ Dr	Position
Signature		Date

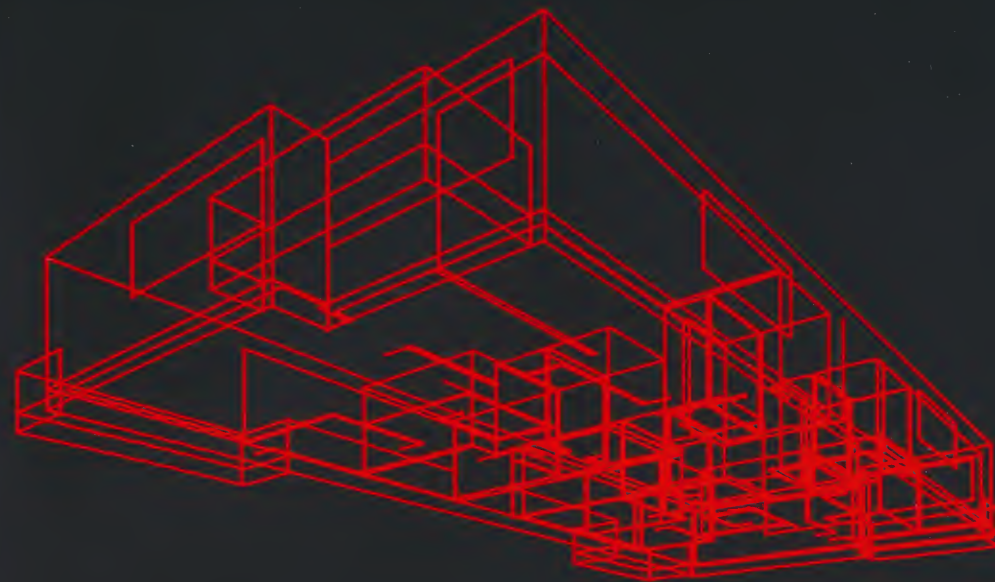
Please also reserve places for the above delegate at the following half day tutorials:

- ☐ **I enclose our fees.**
£304.75 (£265 plus VAT) for conference registration
£ 40.25 (£ 35 plus VAT) for each half day tutorial
Cheque payable to Online drawn on a UK bank. A receipted tax invoice will be sent to you.
Online's VAT number is 222 6473 79.
- ☐ **Please invoice my organisation.**
N.B Any fees still outstanding after the event will incur an additional administrative surcharge of £30.

Reclaiming VAT
EEC Legislation now permits reclamation of VAT on conference fees paid to another member country. For further information contact your local tax authority.

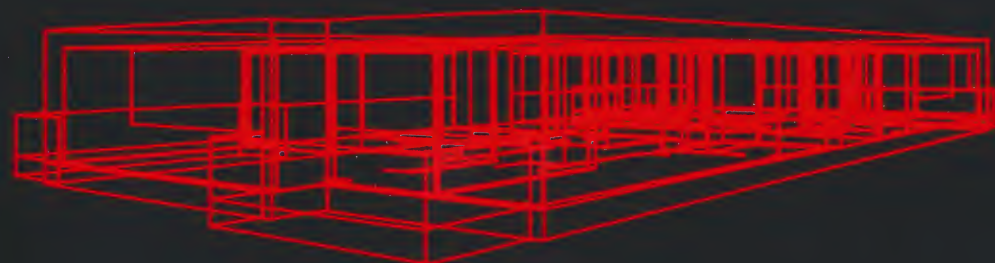
Cancellation conditions
Cancellations received in writing 3 weeks prior to the conference – full refund less £10 administrative handling charge;
2-3 weeks prior to the conference – 50% of fee payable; less than 2 weeks prior to event – no refund.
Substitutions can be made at any time.

Return to: Online Conferences Ltd., Registration Dept., Argyle House, Northwood Hills, Middlesex, HA6 1TS, UK.
Phone: Northwood (09274) 28211 Telex: 923498



Computer Graphics 81

**London 27-29 October 1981
International Conference
& Exhibition**



Europe's premier computer graphics meeting

Computer Graphics '81 follows the success of last year's Computer Graphics '80. The event has been moved to London and the exhibition considerably expanded.

Computer Graphics '81 is a user-oriented meeting. It is concerned with the practicalities of using computer graphics in a business-like and cost-effective way. Conference sessions and exhibits will be of particular value to those either using computer graphics or considering the implementation of these systems. Commercially available equipment and experiences with CAD and CAM are investigated with particular emphasis this year being placed on business graphics.

Key experts from the UK, USA & Europe to present papers and tutorials

The international conference programme will present a picture of the current status of computer graphics developments. Many well known and highly respected authorities are represented on this programme. Of particular note to the business graphics theme of the event are David Friend of Computer Pictures Corp and Alan Paller of AUI Data Graphics – two of the world's most experienced authorities in this field. Other names of particular note include John Lansdown – the conference chairman, Randall Stickrod, Editor of Computer Graphics World and James Blinn of the NASA Jet Propulsion Lab.

A series of half-day tutorials are to be associated with the conference – these are being finalised at the time of preparing this leaflet – further details will be sent to you on request. The current schedule of tutorials to be presented by these experts include:

Introduction to computer graphics	– Monday morning 26 October
Introduction to business graphics	– Monday afternoon 26 October
Introduction to CAD	– Monday afternoon 26 October

The exhibition and commercial presentations

The Computer Graphics '81 exhibition will comprise displays from some 40 leading equipment and systems suppliers. In addition there will be a series of commercial presentations given by exhibitors. The exhibition is being held at the Bloomsbury Centre Hotel and there will be a continuous shuttle bus service throughout – the travelling time is approximately 10 minutes.

Special travel package from the USA

Computer Graphics World, North America's major specialist computer graphics journal have organised a special package for delegates from the USA. This includes travel from various cities on both the east and west seaboard, seven nights accommodation in the conference hotel and the conference registration fee – all for a price not much more than the regular economy return air fare – details from Computer Graphics World, 54 Mint Street, San Francisco, California 94103, telephone 415-543 0978.

Computer Graphics 81

**Preliminary
Conference
Programme**

Tuesday 27 October

Graphics and the man/machine interface

Chairman: George Mallen, Systems Simulation, UK

Graphics: an essential addition to the human/
computer dialogue

An advanced information presentation system

Pictorial man/machine communication

An alternative approach to graphical interaction

*M Patterson
Hewlett Packard, USA*

*F Zdybel
BBN Inc, USA*

*W H Haas
Siemens, W Germany*

*P Robinson
Cambridge University, UK*

CAD & drafting

Chairman: Arthur Llewelyn OBE, Consultant, UK

Review of drafting systems

Intelligent digital plotter

AGS: a graphic system/software

Financial benefits of CAD/CAM

*R D Newell
Cambridge Interactive Systems, UK*

*B Wedge
Computer Instrumentation, UK*

*J M Quitin
Laborelec, Belgium*

*M Ross
CAE International, USA*

Graphics and the built environment

Chairman: Alan Pipes, CAD Journal, UK

Visual modelling using composite colour
computer graphics and still or video
photography

Personalized visualisation: interactive cinema
for training

The graphic information system

Further developments in intelligent modelling

GABLE: an integrated approach to interactive
graphical techniques for modelling buildings

*A H Bridges
ABACUS, UK*

*D S Backer
MIT, USA*

*P Purcell
Royal College of Art, UK*

*J H Frazer
Ulster Polytechnic, UK*

*B R Lawson
University of Sheffield, UK*

Graphics hardware review

Chairman: Randall Stickrod, Computer Graphics World, USA

Interactive graphics systems

Hardcopy output devices

Automatic digitising systems

Flat panel displays

*R L Stickrod
Computer Graphics World, USA*

*H de Groot
Tektronix, Netherlands*

*J Lansdown
Turner Lansdown Holt & Partners, UK*

*J Borrell
Library of Congress, USA*

Wednesday 28 October

Media and graphic arts

Chairman: John Lansdown, Turner Lansdown Holt & Partners

Techniques & developments in computer
graphics animation

BBC activities in computer graphics

Realtime computer graphics in television

Cyclops – graphics for videotex

*J Blinn
Jet Propulsion Lab (NASA), USA*

*R Vinson
British Broadcasting Corp, UK*

*C S Long
Independent Television News, UK*

*A H Francis
Open University, UK*

Graphics software

Chairman: Ernest Warman, Perkins Engines, UK (to be confirmed)

A review of graphics software

A review of CAD software

Canvas: the graphics package for the Spice
personal timesharing system

Graphics interactive applications monitor

A user-orientated plotting language

*T Sancha
Cambridge Interactive Systems, UK
(to be confirmed)*

*E Warman
Perkins Engines, UK (to be confirmed)*

*J E Ball
Carnegie-Mellon University, USA*

*U Weissflog
IBM, W Germany*

*U G Gujar
University of New Brunswick, Canada*

Low-cost graphics for business use

Chairman: David Friend, Computer Pictures Corp, USA

Low-cost business graphics systems: a review

Graphics and corporate decision making

Using computer generated graphics to present
financial statements

Paper on low-cost business graphics

*D Friend
Computer Pictures Corp, USA*

*G Mallen
System Simulation, UK*

*H W Johnson
DEC, USA*

Speaker to be confirmed

Graphics modelling

Chairman: Malcolm Sabin, CAD Centre, Cambridge, UK

Review of graphics modelling systems

Principles and techniques of polyhedral
modelling

Computational geometry project device
independence via device controllers

Commercial and educational impact of shape
processing

*R Forrest
University of East Anglia, UK
(to be confirmed)*

*W R Winfrey
Babcock and Wilcox, USA*

*D Arnold
University of East Anglia, UK*

*P S Coates
Liverpool Polytechnic, UK*

Regent Centre Hotel London 27-29 October 1981 International Conference & Exhibition

Thursday 29 October

Graphics for the presentation of business information

Chairman: Alan Paller, AUI Data Graphics, USA

Business graphics: a review

The Execuchart – a stand-alone system for business graphics

Slide preparation systems

Information presentation through automatic graphic displays

*A Paller
AUI Data Graphics, USA*

*Senior representative from
Comshare, USA*

*A Norman
Myriad, UK*

*S Gnanamgari
Siemens, USA*

Graphics techniques

Chairman: Ivor Faux, Cranfield Institute of Technology, UK

Some simple methods for anti-aliasing of rastered lines

Graphics segmentation and standards

Statistical properties of digitised line segments

Techniques for real-time map display

*O Fahlander
Linköping University, Sweden*

*S Boniwell
Tektronix, UK*

*A M Vossepel
Leiden University, Netherlands*

*R H Tottingham
Leasco Software, UK*

Graphics systems

Chairman: Jerry Borrell, Library of Congress, USA

A graphics preparation system

Raster graphics using parallel processing

The design of a low-level graphics system

*S E Rosenthal
IBM, USA*

*B V Funt
Simon Fraser University, Canada*

*A C Kilgour
University of Glasgow, UK*

onTime

Online is Europe's leading specialist in the design and co-ordination of major conferences and exhibitions concerned with the business applications of computer, information and communications technology. During the last 10 years it has co-ordinated a programme of some 300 highly respected events in the UK, on the Continent of Europe in the USA and Canada.

See overleaf for
registration form